ANCIENT SKIES

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Official Logbook of the Ancient Astronaut Society

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EXPERIMENTAL PROOF OF THE PALEOCONTACT HYPOTHESIS

BY DR. MATEST M. AGREST**

The descending of a spaceship from another world to the Earth must leave many deep traces, not only in the legends and ancient manuscripts but also on the surface of the Earth and in a large region of its environment, including the Moon. In Astronauts of Yore (1) we discussed several problems, the solution of which may be related to the phenomenon of a paleocontact and which may be proved experimentally. Here we consider only two of them.

1. TEKTITES. Tektites are peculiar glassy objects which contain radioactive isotopes of aluminum and beryllium, Al-26 and Be-10, the half-lives of which are one million and 2.6 million years respectively. Tektites are not the products of volcanic activity, if only because a much higher temperature than that of molten lava is needed for their formation. Characteristic of tektites is their occurrence in certain clearly defined "strewn fields", most of which are geographically restricted to a relatively narrow belt reaching out on both sides of the equator and including, among other countries, Libya, Indochina and Australia.

Tektites could have formed from terrestrial rocks in regions abounding in sources of high thermal and radioactive energy or they could have fallen to the Earth from outer space. They show a marked difference from meteorites, especially in age (being much younger) and more important, in their geographical distribution. An analysis of their occurrence shows that tektites could not have originated as a result of an impact of a single meteroite or a shower of small meteorites which had been moving about the Sun in elliptical orbits before hitting the Earth.

Several hypotheses have been advanced to explain the origin of tektites.Thus,Truman P. Khoman thinks that they come from outer space.Harold Urey, on the other hand, proposes that they were splashed from terrestrial rocks as a result of a cometry collision. O'Keeffe, Nininger and Varsavsky hold that they were splashed to the Earth by the impact of a huge meteorite on the Moon. These and other hypotheses, however, do not explain all the features of tektites, and their origin continues to be a puzzle.

For the purpose of our hypothesis it is important to establish the origin of tektites. W. Genter and Zahringer have dated different types of tektites by the potassium-argon method. According to them, the so-called australites are about a million years old. Hovard Baker, however, offers better proof that australites are no more than five thousand years old. To clarify this important question it is necessary to develop a new independent method of determining the age of tektites.Common to all types of tektites is their formation at very high temperatures.

In Astronauts of Yore I have proposed the thermoluminescent method, employed for the first time in 1959 by Kennedy and Knopoff to determine the age of ancient pottery, for the independent dating of the origin of the tektites.

2. THE DEAD SEA PHENOMENON. The history of the destruction of the cities of Sodom and Gomorrah and the instantaneous blinding of the crowd that had surrounded Lot's house, described in the Bible, can be easily explained by the hypothesis that there occurred some atomic explosions of different power. The inhabitants, we find, were warned of the danger of death (from the air blast) and injury (from penetrating radiation). We have learned that a thick layer of earth provided a protection from these dangers, that the blast produced a characteristic column of smoke in the sky, from the upper part of which had fallen fire,smoke and debris. We are told of the extent of the damage and that the entire area was uninhabitable for some time thereafter.

How amazing is the information contained in the Bible about Lot's wife, who did not heed the advice given and stayed in an open place, and her shadow - the copy of her body - had been left on a "pillar of salt". It is also amazing that on the eve of the destruction the people who were at the entrance of Lot's house, young and old, were struck by blinding light, so that they were helpless to find the entrance. (See Genesis XIX, 11-26).

This hypothesis can be proved now experimentally. As was recently published, Israeli and German scientists will soon begin probing sediment at the bottom of the Dead Sea to gather data on environmental changes in the area over the past thousand years.(2) The first ever survey could lead to a better understanding of biblical history and archaeology. All previous attempts to obtain core samples of the sediments located very deep below sea level have failed because of a layer of rock salt less than a meter below the Dead Sea floor. Now the scientists hope to use the custom-made Norwegian drills to obtain 20 meter core samples for investigating. For the purpose of the paleocontact hypothesis it is very interesting to investigate the radioactivity of the obtained sample core.The discovery of traces of the radioactive isotope plutonium-239 (half-life time 24,100 years), which is characteristic of nuclear fallout, would be a valuable contribution to the history of world culture.

(Continued on next page)

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The date of such a discussed event can be determined by the method of measuring the radiation induced by cosmic rays. The rocks surrounding the Dead Sea are continuously bombarded by cosmic rays and, consequently, the induced radiation in them is maintained at a constant saturation level. Let us imagine that some of these rocks had fallen into the Dead Sea. From this moment they go out of the cosmic ray bombardment and the induced radiation in them must therefore have decreased gradually, according to half-life of the radioactive elements. Thus, if the radioactivity of such a fallen rock is compared with that of an outside one, the ratio will give the time when the investigated rock had fallen into the Dead Sea.

References:

(1) Published by Geografgis, Moscow, 1961 under the title: "Na sushe i na more".

(2) Judy Sigel, "Scientists to Probe Dead Sea Bed." The Jerusalem Post, October 30, 1993.

GIANTS, OR ROBOTS?

BY SIR ROYSTON DEVILION, K.B.E.*

We read so often reports of the large blocks of stone that exist in so many of our ancient ruined and desolate structures. All of us marvel at how man, so puny, managed to excavate such huge blocks from the mother rock and then to transport them to the building site, sometimes several hundred miles from the quarry. Even with our modern equipment today, we would have considerable difficulty carrying them and erecting them into place.

These huge stone monuments are found not just on one continent, but all over the world,from North to South and from East to West. We are still finding and excavating, slowly, ruins that astound us. But the archaeologists insist on identifying any object they find in terms of Middle Ages rhetoric as sacrificial implements or for religious purposes. When will they take the plunge and declare that there may possibly have been aliens on Earth in the dim and distant past? In the Dark Ages they would have been ridiculed,or even burned at the stake,for such beliefs, but now most clear thinking people realize that there are other life forms in the universe.

With so many reports of UFOs and other unexplained phenomena, with many testimonials of landings, abductions and hushed reports from official sources, should we not wonder if, or even when, we will get that well-publicized landing in the center of New York or London.

The Holy Bible states without reserve and quite clearly that "there were giants in the Earth in those days; and also after that...."(Genesis VI,4). It has also been written that some two thousand such "giants" were on Earth at that time. During so many excavations, bones from normal human ancestors have been found dating back several thousand years, but we have never discovered any "human" giant bones. Could it be that the "giants" spoken of were not flesh and blood, but rather robots, created and used by the "gods" to excavate the minerals they required and to perform other tasks that human beings could not, such as excavating and transporting the huge stone blocks used in the gigantic structures, which were left behind to commemorate their visits to Earth?

Robots would have had the power to move and erect the huge weights and, equipped with lasers or other sophisticated cutting tools, could have managed to produce the precision fits, interlocking joints and ductwork found at many of the ancient sites. [Ed. Note: See Ancient Skies 1:4 and 10:3 articles by Gerardo Levet on the Giants of Tula in Mexico.]

Maybe we have not found "giant" bones because there were no bones.When the robots wore out,or had finished their tasks, they were repacked into the mother ship and returned to the home planet, whence they came.

In mythology, there are many stories of giants, from the fairy tales to the more serious ancient accounts such as Greek lore in which people controlled large bronze statues that could move and take vengeance on their enemies. In order for such stories to have persevered,there must be a grain of truth somewhere.Could these have been the last remnants of robots left behind on Earth?

*Sir Royston Devilion has been an amateur historian for the past thirty years. He lives at 6 Cootes Cottage, Bignor, W. Sussex, ENGLAND RH20 1PJ.

BERN CONFERENCE

Our next World Conference will be held in Bern, Switzerland on August 18-19, 1995.The lectures will be held in the Casino, an elegant meeting hall in the center of Bern. Special hotel rates have been negotiated with three hotels, the Bellevue Palace (where all the speakers will stay),the Bürgerlich, and the Tourist. Speakers will include Erich von Daniken, author of Chariots of the Gods?; the Russian Cosmonaut Georgy Grechko; and others from the world. About half the lectures will be presented in English, with simultaneous translation into German; the others will be presented in German with no translation.

Members who wish to attend the Conference should register directly with Ancient Astronaut Society, Baselstrasse 1,CH-4532 Feldbrunnen/SO,Switzerland. Fax 4165/21.33.91. The Conference Registration Fee for the two days of lectures is 180 Swiss francs. The Gala Banquet is 60 Swiss francs. One Swiss franc (SF) is equivalent to about 78 US cents.

If you wish to stay in one of the Conference Hotels, reservations must be made directly with the Official Tourist Office and Convention Bureau, Railway Station, 3001 Bern, Switzerland. Tel: 4131/311.66.11. Fax: 4131/312.12.33. Specify which hotel you wish, whether single or double, and that you are attending the AAS Conference. The Special Rates which apply for three nights, August 17,18 & 19,departing on August 20,including taxes,are as follows:

Bellevue Palace	-	SF 200 per night single
		SF 260 per night double
Bürgerlich	-	SF 132 to 155 per night single
		SF 165 to 190 per night double
Tourist	-	SF 82 to 85 per night single
		SF 102 to 116 per night double

A group flight may be arranged departing Chicago on August 16; returning on August 20. If you are interested, contact the Society Headquarters.

FUTURE ACTIVITIES OF THE SOCIETY INCLUDE:

- August 3-20, 1995. Possible Member Expedition to Italy, terminating at the Bern Conference. For details contact the Society Headquarters.
- August 18-19, 1995. Bern Conference.
- May, 1996. Member Expediton to Peru.
- August 3-8, 1997. 24th Anniversary World Conference at the Sheraton Plaza Hotel at the Florida Mall in Orlando, Florida.

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EGYPTIAN CATHEDRALS IN FRANCE?

BY MAURICE CHATELAIN*

French cathedrals have always been a mystery since their construction eight hundred years ago. Nobody knew who had financed the enormous cost of their construction, discovered and trained several thousand architects and artisans, and decided which units of measurement would be used. The King of France and the Catholic Church were very poor and used for the construction of their palaces and churches a Foot of 0.3248 meter and a Toise of 1.9488 meter, which could not be found anywhere in the measured dimensions of the cathedrals. Several French authors suspected that the Knights Templars had discovered and trained the necessary architects and artisans, and financed the cost of the construction, but could not agree on any measuring unit that would fit the dimensions of the cathedrals.

The Templars were very rich and powerful at that time. They had spent several years in Jerusalem where they had probably discovered the mysterious treasure of King Solomon, under the ruins of his palace where they lived. They also knew, four hundred years before Columbus, the existence of fantastic amounts of gold and silver in Peru and Mexico and owned, in the beautiful harbor of La Rochelle,a large fleet for the transportation of these precious metals.

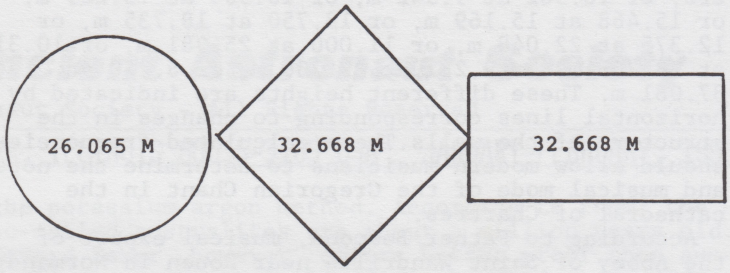
They had loaned large sums of money to the King and the Bishops, in the hope that they would forget that they were Heretics. But some Church leaders still suspected them of heresy, which certainly was true since they did not believe in the divinity of Jesus, and probably committed sodomy since they had no women living with them. The Dominican judges of the Inquisition wanted to burn them alive at the stake, which they finally did to their leaders in the year 1314.

Probably knowing in advance what to expect from the Inquisition, the Templars had the diabolical idea of ridiculing the Church and enjoying their revenge in advance. They decided to use for the construction of the cathedrals several Egyptian measuring units derived from the base length of 231 meters of the Great Pyramid, such as feet of 300, 308, 350 mm, or cubits of 450, 462, 525 mm, or even the Remen of 370.370 mm, ancestor of the British Cow Yard and exact fraction of the circumference of the Earth of 39,999,960 meters or the latitude degree of 111,111 meters.

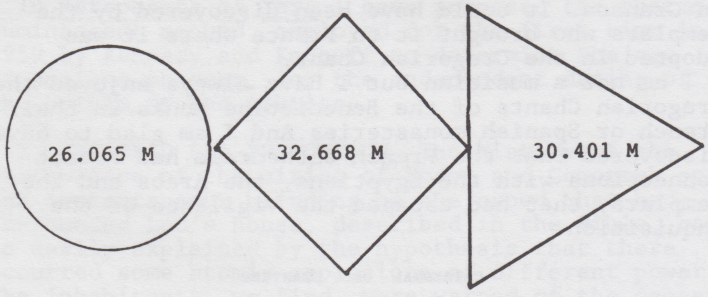
They also decided to build in the ground floor of the cathedrals of Paris and Chartres three geometric tables whose surface would be one hundredth of the base area of the Great Pyramid, namely 533.610 square meters, and supposed to represent the three cardinal virtues of Christianism, Faith, Hope and Charity. And recently, with my insatiable curiosity, I decided to calculate the exact dimensions of these geometric tables.

The tables could be square with sides of 23.100 meters and diagonals of 32.668 m, or circular with diameters of 26.065 m, as in Paris and Chartres. They could also be rectangular as in Chartres, with sides of 16.324 and 32.668 m, or triangular as in Paris, with a base of 35.104 m and a height of 30.401 m, but each of these tables was supposed to have an area of 3890 square Remens, or 533.610 square meters. On a map of France and for some mysterious reasons, the cathedrals of Chartres, Paris, Reims, Laon, Amiens, Rouen, Bayeux and Evreux show the same pattern as that of the stars of the Virgo constellation in the sky. The cathedrals of Paris and Chartres were certainly designed with the Egyptian Remen of 370.370 millimeter or 10/27 of one meter which the ancient Egyptians had known for several thousand years.

GEOMETRIC TABLES IN THE CATHEDRAL OF CHARTRES



GEOMETRIC TABLES IN THE CATHEDRAL OF PARIS



The cathedral of Paris, built in 1163 on a narrow island, was smaller with the following dimensions: 32 for the inside width, 89 for the height of the vault, 108 for the total width, 135 for the total length of choir and transept, 162 for the length of the nave and 345 for the total length, with an oblique vertical length of about 96 between the bottom of one wall and the top of the vault, corresponding to a resonant frequency of 9.281 cycles per second.

The cathedral of Chartres, built in 1194 on a wide plain south of Paris, was larger with the following dimensions: 40 for the inside width, 100 for the height of the vault or the length of the choir, 200 for the length of the nave and 300 for the total length, with an oblique vertical length of about 108 corresponding to a resonant frequency of 8.250 Hertz or cycles per second, which was better for the low frequencies of the Gregorian Chants.

The cathedrals of Amiens, built in 1220, and Beauvais,built in 1230, had still higher vaults with 114 and 132 Remens, with resonant frequencies of 7.816 and 6.750 Hertz respectively, which was even better from a musical point of view.

In addition to their religious purpose, which is very difficult for us to understand after eight hundred years, and their fantastic architectural achievement which at least we can appreciate, the French cathedrals also were wonderful musical instruments. The oblique vertical distances between the opposite walls and the top of the vault were designed in such a way that they would vibrate in resonance with the sonar frequencies of the Gregorian Chant.

The vibration frequencies of musical notes are based on the propagation velocity of sound waves in the air, which the Egyptians and the Arabs had estimated at 891 Remens or 330 meters per second. The Templars used the same musical scale as that of the

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*Mr. Chatelain is a retired space scientist. His book Our Cosmic Ancestors, one of the classics in the ancient astronaut field, is available in oversize paperback from the author. Mr. Chatelain has several other books available in photocopy format. His address is 3976 Kenosha Avenue, San Diego, California 92117 USA.

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Arabs which is now called the Diatonic Musical Scale. In Chartres, and depending on their frequencies, the oblique sound waves hit the opposite wall at different heights which can be noticed by changes in the structure of the wall such as cornices or chapiteaux and the base or top of the vault, as indicated in the following chart, and still correct after eight hundred years of torsion and compression.

According to my calculations, the walls of the cathedral of Chartres had a resonance frequency of 20.625 cycles per second at a height of 5.568 meters, or 18.562 at 9.542 m, or 16.500 at 13.229 m, or 15.468 at 15.169 m, or 13.750 at 18.735 m, or 12.375 at 22.048 m, or 11.000 at 25.981 m, or 10.312 at 28.266 m, or 9.281 at 32.236 m, or 8.250 at 37.081 m. These different heights are indicated by horizontal lines corresponding to changes in the structure of the walls.These calculated frequencies should allow modern musicians to determine the notes and musical mode of the Gregorian Chant in the cathedral of Chartres.

According to Father Bescond, musical expert of the Abbey of Saint Wandrille near Rouen in Normandy, the musical scale of Chartres is neither minor nor major. It is that of the first Gregorian Mode based on the note D or RE' in French music. That mode was probably invented in Spain by the Arab invaders, builders of the Alcazar in Toledo and the Alhambra in Granada. It could have been discovered by the Templars who brought it to France where it was adopted in the Gregorian Chant.

I am not a musician but I have always enjoyed the Gregorian Chants of the Benedictine monks in their French or Spanish monasteries.And I am glad to have discovered that the French cathedrals had secret connections with the Egyptians, the Arabs and the Templars, that had escaped the vigilance of the Inquisition.

CATHEDRAL OF CHARTRES

DIATONIC MUSICAL SCALE

NOTE	RATIO	FREQUENCY	METERS	REMENS	HEIGHT	NOTE
C	24	8.250	40.000	108.000	37.081	DO
D	27	9.281	35.555	96.000	32.236	RÉ
E	30	10.312	32.000	86.400	28.266	MI
F	32	11.000	30.000	81.000	25.981	FA
G	36	12.375	26.666	72.000	22.048	SOL
A	40	13.750	24.000	64.800	18.735	LA
B	45	15.468	21.333	57.600	15.169	SI
C	48	16.500	20.000	54.000	13.229	DO
D	54	18.562	17.777	48.000	9.542	RÉ
E	60	20.625	16.000	43.200	5.568	MI

MOST OF THESE DIMENSIONS AND RESONANT FREQUENCIES CAN BE FOUND IN THE CATHEDRAL OF CHARTRES

It is generally assumed that the length of the rectangular table of Chartres was the same as that of the diagonal of the square table and twice the width of the rectangle, as I have shown on the illustration. There is however a legend saying that the rectangular table was based on the Golden Ratio and that the length was 1.618 times the width. Since that table has been destroyed by the Church a long time ago, there is no way of knowing if the legend was true.

In that case, the longer side of the rectangle would have been 29.384 meters or 79.336 Remens, while the shorter side would have been 18.160 meters or 49.032 Remens, with the required area of 533.610 square meters or 3890 square Remens. Of the six tables described here, the round table of Chartres is the only one that has not been destroyed by the Church, despite its indisputable Egyptian origin, possibly because they found a biblical connection with the Labyrinth it represents.

Some may wonder why twenty-two cathedrals were suddenly built in France from 1132 to 1242, during a short period of 110 years, with an average of one every five years. In addition to the nine cathedrals already mentioned and in the order of their construction, the others were Saint Denis, Noyon, Sens, Cambrai, Senlis, Arras, Bourges, Sees, Soissons, Metz, Strasbourg, Sainte Chapelle, and Notre Dame de l'Epine. In my opinion, the reasons for the construction of these cathedrals have been more astrological than religious.

The Church had first announced the End of the World for the year 1000 and nothing had happened on that date. Medieval astrologers then announced the End of the World on 13 September 1186, during a very rare conjunction of the seven visible planets within a celestial angle of fifteen degrees in Virgo. The planetary conjunction happened on time as predicted, but nothing else. The End of the World was then postponed until the next great planetary conjunction on 21 February 1524, within a celestial angle of twelve degrees in Pisces. As before, nothing else than the conjunction happened on that day.

Some may also wonder why the Bishops wanted to build cathedrals with higher and higher vaults, as if they were trying to reach an almost impossible height of 55 meters or almost 150 Remens and a resonance frequency of only six vibrations per second. And for that, there might exist an explanation.

According to recent experiments of mind control, hypnotism and brainwashing by secret government agencies, the frequencies to obtain the best results are those between six and seven vibrations per second, corresponding to wavelengths between 55 and 47 meters or between 180 and 155 American feet. Could the medieval Church leaders, who were not all completely stupid, have known the secrets of mind control and used them in the cathedrals?

UPCOMING UFO CONFERENCES:

March 17,18 & 19, 1995. Sixth UFO/ET Alien & Abduction Congress. Days Inn. Rt.206 & NJTP Exit #7, Bordentown, New Jersey. Info: Pat J. Marcattilio, 138 Redfern St., Trenton, NJ 08610.

April 7-9, 1995. Seventh Annual Ozark UFO Conference. Inn of the Ozarks. Eureka Springs, Arkansas. Info: Lucius Farish, Route 1, Box 220, Plumerville, AR 72127-9737.

July 7,8 & 9, 1995. MUFON 1995 International UFO Symposium. Red Lion Hotel Seatac. Seattle, Washington. Info: Marilyn Childs, P.O. Box 1012, Bothell, WA 98041-1012.

WALTER JOERG LANGBEIN's book "Die grossen Raetsel der letzten 2500 Jahre" (The Great Mysteries of the Last 2500 Years") has been published in Poland under the title "Najwieksze Tajemnice Swiata". The book reached Number One on the bestseller list in that country in late 1994.

Mr. Langbein's latest book "Das Sphinx-Syndrom/Die Ruckkehr der Astronautengötter"(The Sphinx-Syndrome/ The Return of the Astronaut-Gods), will be published in March 1995 by Langen Mueller, Munich, Germany. His first book, "Astronautengoetter" (Astronaut-Gods) will be published in paperback in late 1995 by Ullstein, Berlin, Germany.

ERICH VON DANIKEN presented the Dedicatory Address at the First Conference of Scholars and Astronauts in the new Kosmopoisk Daniken-Center in Moscow, Russia on January 11, 1995.